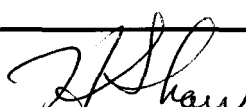


REQUEST FOR ACTION (RFA)			
1. Review Type USA SN Gateway System Requirements Review		2. RFA No. 04	3. Review Date 11/16/09
4. Title BER Definition			
5. Action Requirement needs definition of error (e.g., framing error, bit error within data) and input - output definitions.			
Reference Line 84			
6. Originator/Organization/Telephone No./E-mail William Dusterwald 6-9670, william.g.dusterwald@nasa.gov			
7. Assigned To/Organization/Telephone No./E-mail Chuck Kozlowski/ 452.0 / 301-286-9479/ c.kozlowski@nasa.gov			Due Date
8. Response In describing system error performance, we use the term Bit Error Rate (BER). The error requirement is a BER of 10^{-13} as stated in the SN Gateway SRD as 4.2.1.3. For the return link, it is defined as the BER (Bit Error Rate) measured from the Low Rate Data Switch interface of the SN Gateway to the IONet network interface of the SN Gateway. For the forward link, it is defined as the BER (Bit Error Rate) measured from IONet network interface of the SN Gateway to the LRDS interface of the SN Gateway.			
9. Response By/Organization/Telephone No./E-mail Chuck Kozlowski/ 452.0/ 301-286-9479/c.kozlowski@nasa.gov			Date Prepared 12/2/2009
10. Originator Contacted	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Date
11. Disposition	<input type="checkbox"/> Open	<input type="checkbox"/> Deferred	<input type="checkbox"/> Closed <input type="checkbox"/> Withdrawn
12. Comments			
13. Approval <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  Harry Shaw – USA Review Board Chair </div> <div style="text-align: center;"> 3-8-2010 Date </div> </div>			